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**From:** Englert, Brian  
**Sent:** Thursday, August 31, 2017 10:30 AM  
**To:** McDowell, Justin  
**Cc:** Buchanan, Kayla; Restivo, Angela; Renninger, Steven  
**Subject:** ICS 207s, Comd & Gen Staff Slides & Action Item Tracker  
**Attachments:** 207 - HARVEY Org Chart - 8-30-2017b.pptx; Command General Staff Meeting Agenda 8-31-2017a.pptx; Harvey Action Item Tracker ICS 233 8-31-2017a.xlsx

All,

Please see attached meeting slides, 207s and action item tracker. Justin has version control of these documents as of now.

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Cell: (404) 263-8775  
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englert.brian@epa.gov

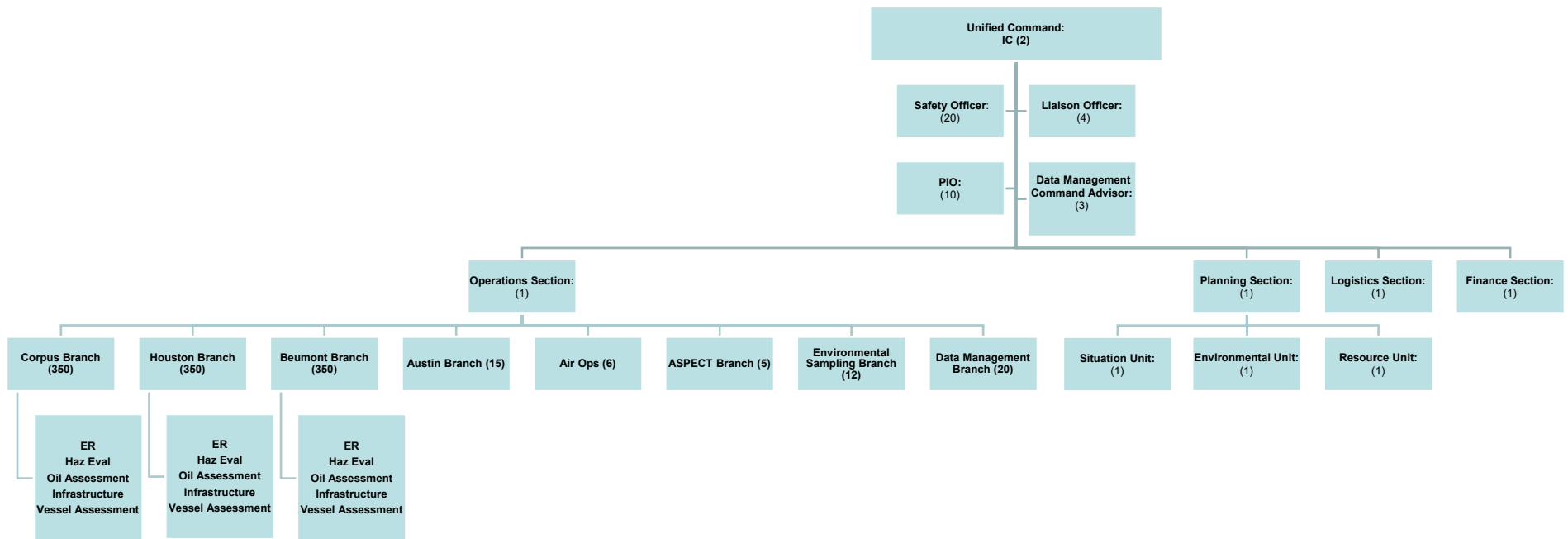
To report an oil or chemical spill please call the National Response Center at 1-800-424-8802

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# Hurricane Harvey

## Texas Unified Command Operations

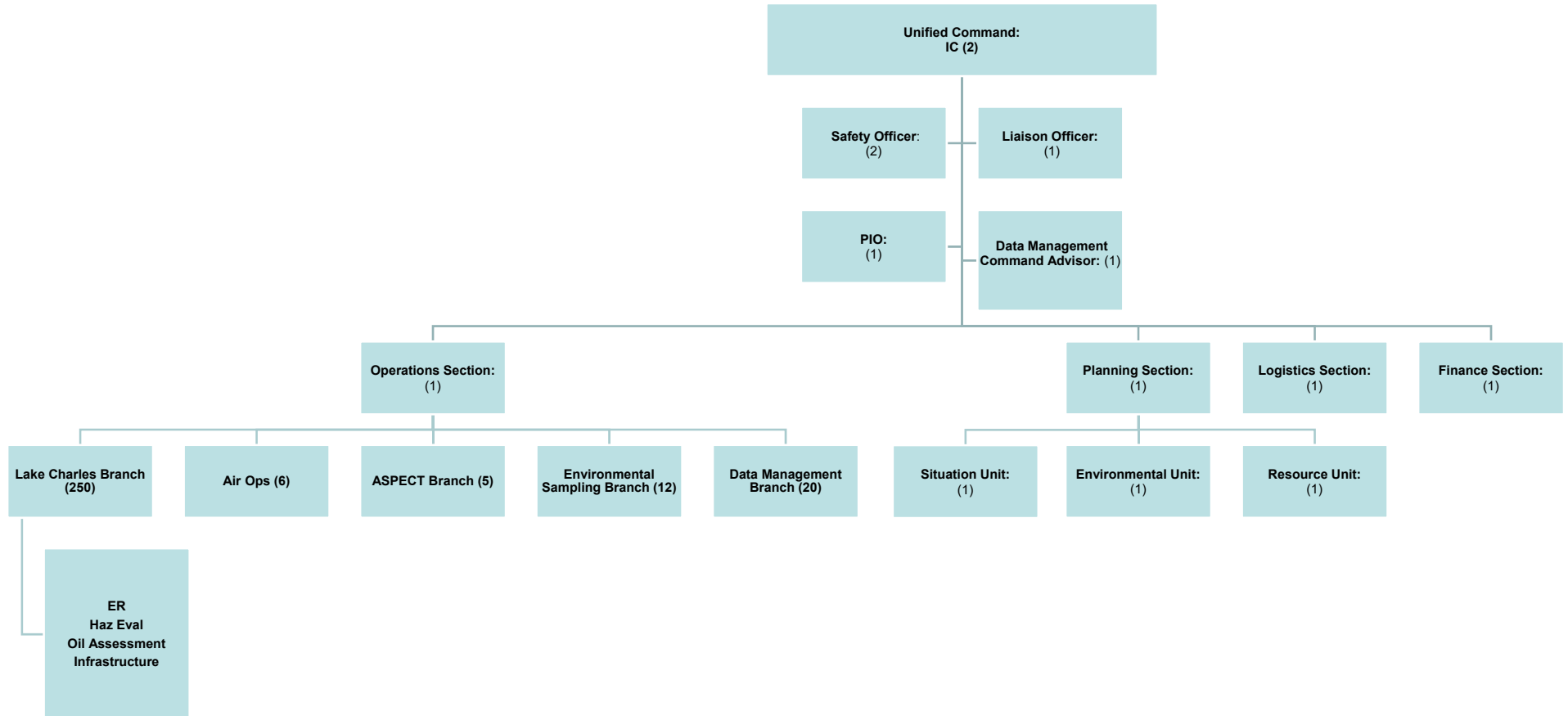
(Total = 1,154)



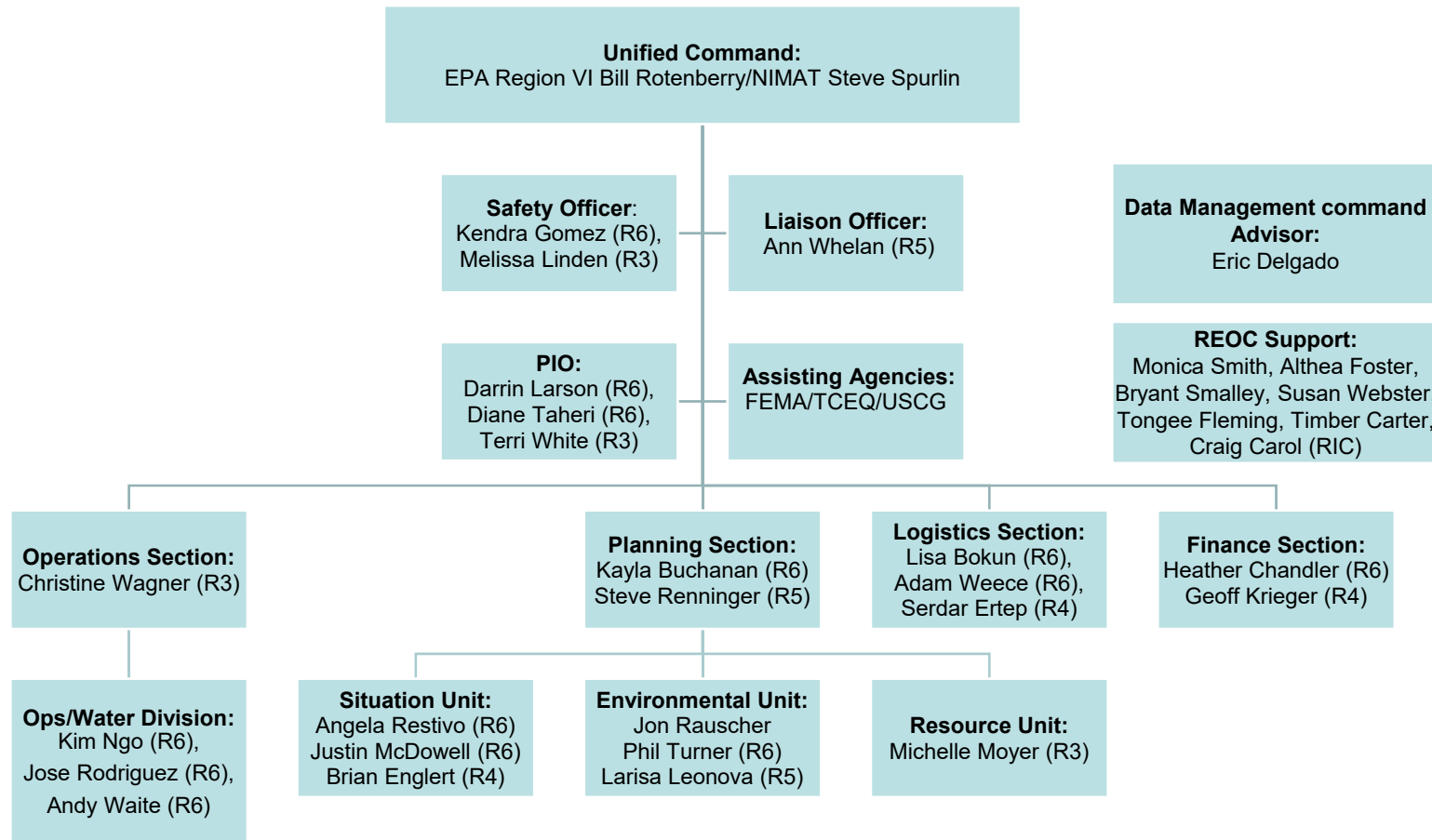
# Hurricane Harvey

## Louisiana Unified Command Operations

(Total = 307)

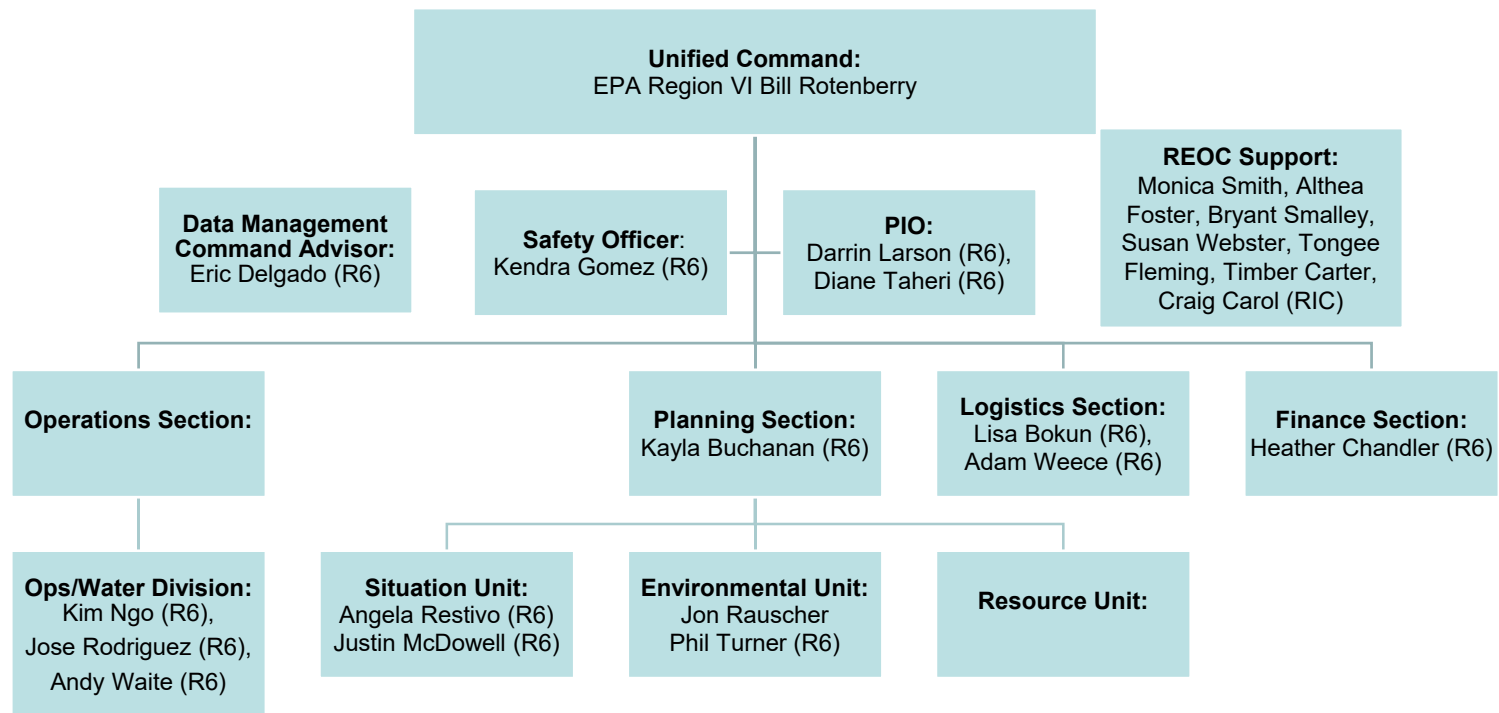


# Hurricane Harvey Dallas REOC Support (39 Including Day and Night Shift)



Night Operations will be  
initiated by TBD

**R6 REOC 207**  
**Day Shift 0700 – 1900**  
**CURRENT**



Night Operations will be  
initiated by TBD

**REOC 207**  
**Proposed Night Shift 1900 - 0700**

**Planning Section  
Chief/EOC  
Manager:  
(1)**

**Logistics Section  
Chief:  
(1)**

**Situation Unit:  
(1)**

Night Operations will be  
initiated by TBD

# Command & General Staff Meeting

Purpose: Initial IMT meeting.

Attends: C&G Staff

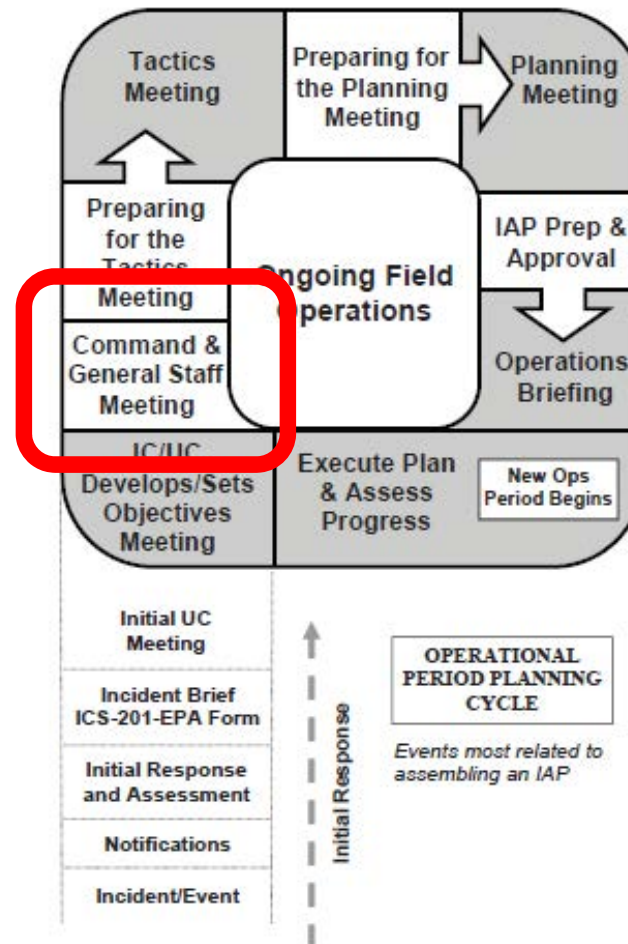
Review Key Decisions by UC

Review Objectives

Review Action Item List

JANUARY 2016

FIGURE 4-1: THE OPERATIONAL PERIOD PLANNING CYCLE



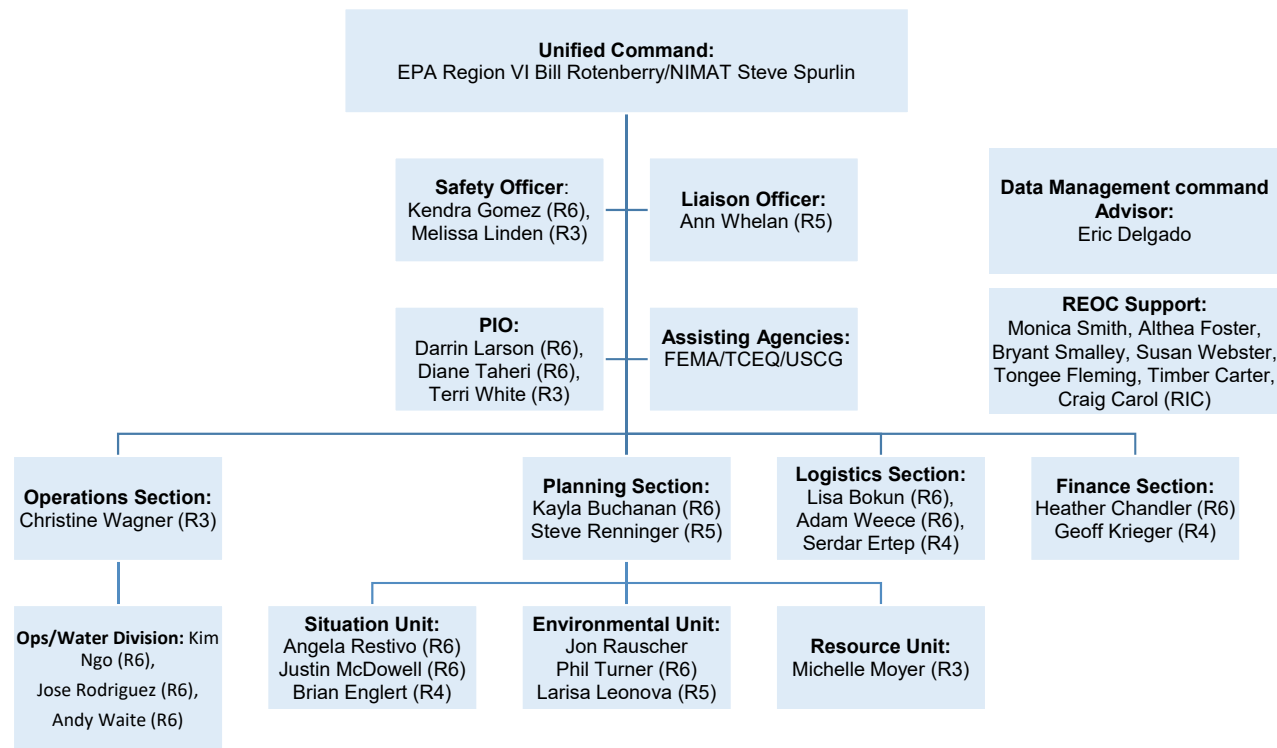
## Command & General Staff Meeting Agenda R6 Hurricane Harvey IMT, August 31<sup>st</sup>

- |   |                  |
|---|------------------|
| • <b>Ground Rules (Cell/1 speaker/30 min)</b> | <b>PSC</b>       |
| • <b>207 (Roll Call)</b>                      | <b>PSC</b>       |
| • <b>Opening Comments</b>                     | <b>IC</b>        |
| • <b>Objectives/Key Decisions</b>             | <b>IC/PSC</b>    |
| • <b>Situation Update</b>                     | <b>SITL</b>      |
| • <b>Action Items</b>                         | <b>PSC/Staff</b> |
| • <b>Information Issues</b>                   | <b>IO</b>        |
| • <b>Liaison Issues</b>                       | <b>LNO</b>       |
| • <b>Safety Issues</b>                        | <b>SO</b>        |
| • <b>Finance Issues</b>                       | <b>FSC</b>       |
| • <b>Logistics Issues</b>                     | <b>LSC</b>       |
| • <b>Planning Section Issues</b>              | <b>PSC</b>       |
| • <b>Operations Section Issues</b>            | <b>OPS</b>       |
| • <b>IC/Closing Comments</b>                  | <b>IC</b>        |
| • <b>Meeting Schedule</b>                     | <b>PSC</b>       |



# Command & General Staff Meeting Agenda

## R6 Hurricane Harvey IMT, August 31<sup>st</sup>



## Command & General Staff Meeting Agenda R6 Hurricane Harvey IMT, August 31<sup>st</sup>

- |  |           |
|--|-----------|
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| • Opening Comments                     | IC        |
| • Objectives/Key Decisions             | IC/PSC    |
| • Situation Update                     | SITL      |
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# Incident Management Objectives

Objective 1: Ensure that health and safety of the EPA response is considered at all times.

Objective 2: Establish an incident management structure and processes employing the Incident Command System to enable effective overall management of the event with deployment of resources (staff and equipment) in a rapid, aggressive and well-coordinated manner.

Objective 3: Ensure prompt Review and Processing of Fuel Waiver requests.

Objective 4: Prepare for and provide Rapid Assessment of Industrial facilities as requested by the State or under EPA's statutory program responsibilities for CERCLA Superfund, RMP and FRP facilities. Working with TCEQ, contact industrial sources within the impacted area to determine their operational status and determine what support can be provided with the monitoring of the start-up of industrial sources along the coastal area of Texas

Objective 5: Prepare for and provide Rapid Assessment & Technical Assistance Drinking Water & Wastewater facilities as requested by the State or local government. EPA will support TCEQ in contacting drinking water and waste water systems.

Objective 6: Prepare a Flood Water Sampling Strategy to assess the release of Hazardous Substances and Oil. This strategy should consider the benefits and limitations of sampling for other contaminants such as fecal coliform contamination which may be widely present in flood waters. The strategy should be coordinated with ESF 8 for public health concerns and messaging/advice for contact with flood waters.

Objective 7: Prepare a Sustained Response Plan that outlines the resource and equipment needs for a long duration response.

Objective 8: Activate the Agency's Crisis Communication Plan to insure effective and efficient coordination of all incident communications.

# Corpus Christi Objectives (IAP August 31)

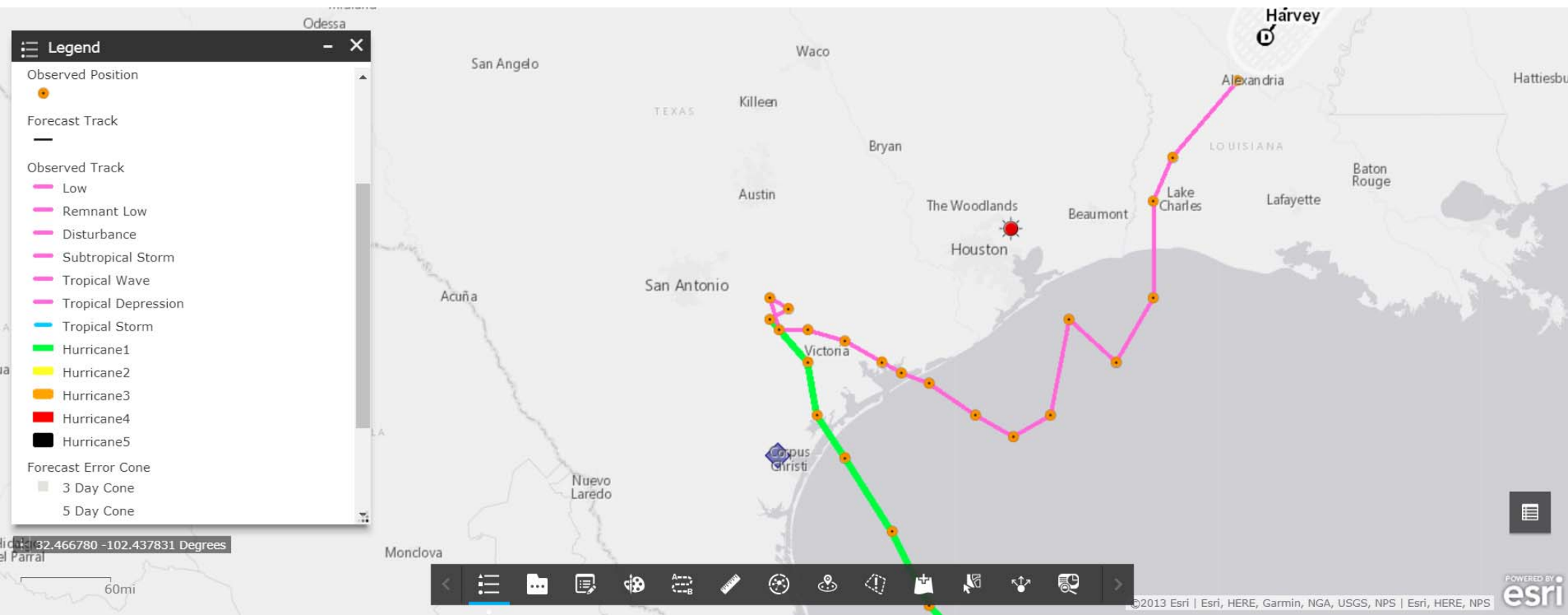
- Provide for the safety and security of responders as well as maximize the protection of public health and welfare.
- Systematically and thoroughly survey United States Geological Service (USGS) grid areas that are impacted from the natural disaster.
- Survey the impacted areas caused by the Harvey. Determine the most heavily impacted areas and the overall geographical boundaries impacted.
- Keep public and stakeholders informed.
- Systematically and thoroughly survey areas that were impacted by the event
- Identify orphaned containers in each grid greater than or equal to 5 gallons in size, and document the most effective means for their recovery.
- Identify potential and on-going oil spills, discharging vessels and facilities with releases in each grid, categorize the spills and document the most effective means for their recovery.
- Document all orphan containers and spills using the NDOW Field Data Collection Sheet.
- Identify locations for Incident Command Posts (ICP)/Staging Areas.
- Identify any immediate threats to public health and the environment.
- Identify affected drinking water and wastewater systems in each area, evaluate the systems to determine their operational status, and facilitate system contact with Federal, State and local agencies (i.e. technical assistance).
- Identify secure area(s) to process and temporarily store for subsequent recycling, disposal, or return to the original owner, displaced Orphan Containers, Above Ground Storage Tanks (AST's), Hazardous Waste, Household Hazardous Waste (HHW).
- Establish and maintain a common operating picture.
- Identify and maximize the protection of environmental sensitive areas and threatened species
- Assess Department of Homeland Security (DHS) critical infrastructure (e.g. public water supplies and wastewater treatment facilities) and Risk Management Plan (RMP) and Facility Response Plan (FRP) facilities for damage and immediate ongoing releases.

# Command & General Staff Meeting Agenda

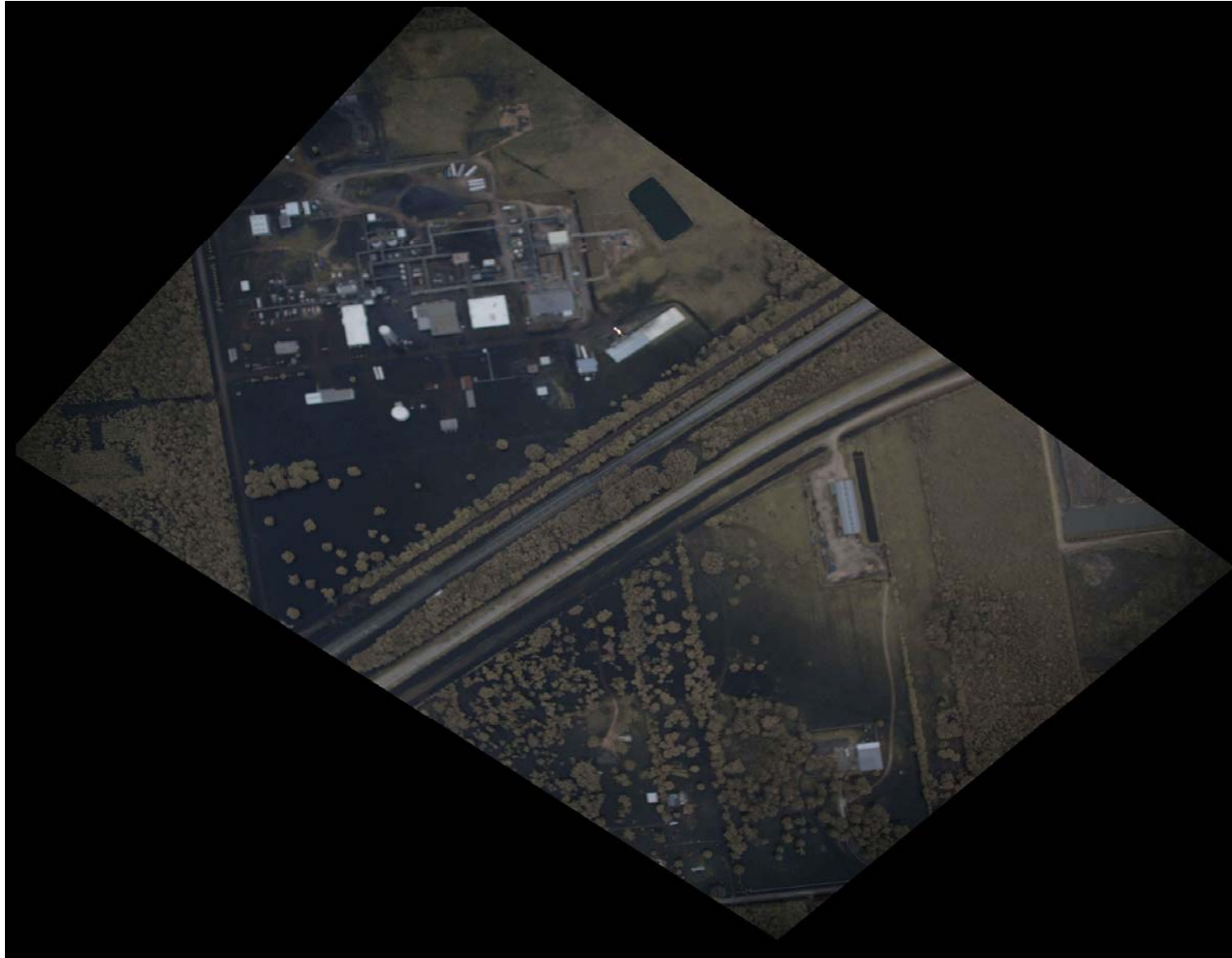
## R6 Hurricane Harvey IMT, August 31<sup>st</sup>

- Ground Rules (Cell/1 speaker/30 min) PSC
- 207 (Roll Call) PSC
- Opening Comments IC
- Objectives/Key Decisions IC/PSC
- Situation Update/Weather SITL
- Action Items PSC/Staff
- Information Issues IO
- Liaison Issues LNO
- Safety Issues SO
- Finance Issues FSC
- Logistics Issues LSC
- Planning Section Issues PSC
- Operations Section Issues OPS
- IC/Closing Comments IC
- Meeting Schedule PSC

# Situation Map



Arkema



## Participating Agencies

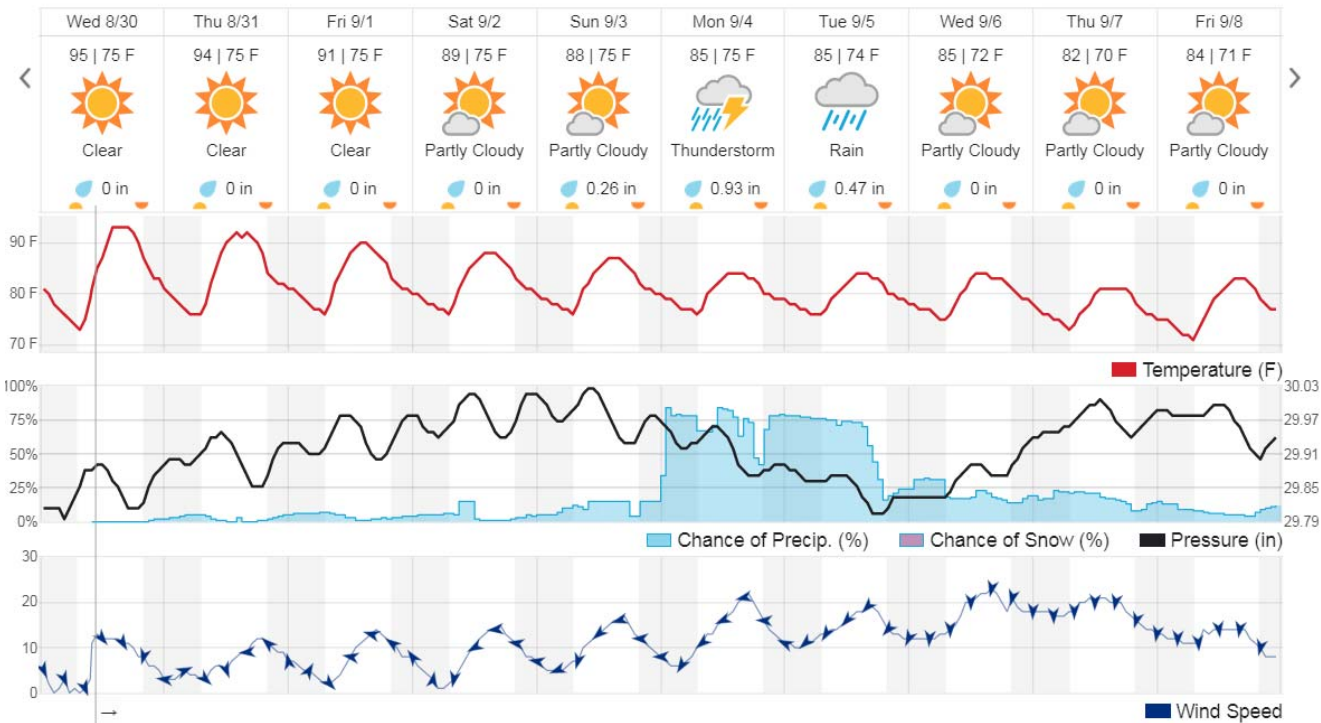
- Texas Commission on Environmental Quality
- Texas General Land Office
- Texas Parks and Wildlife
- 6<sup>th</sup> Civil Support Team
- US Environmental Protection Agency
- US Coast Guard
- National Oceanic and Atmospheric Agency

## Personnel on Site

Agency	Corpus Christi	Austin
US EPA	6	11
USCG	8	
TCEQ	17	
TGLO	4	
CST	18	



# Corpus Christi - weather



RIVER NAME HERE— Flood Stage =

Houston- weather

RIVER NAME HERE— Flood Stage =

Beaumont/Port Arthur- weather

RIVER NAME HERE— Flood Stage =

## Command & General Staff Meeting Agenda R6 Hurricane Harvey IMT, August 31<sup>st</sup>

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## Action Item List

A	B	C	D	E	F	G
No.	Topic	Status	Responsible Party	Date Assigned	Date Due	Date Completed
1						
2						
3						
4						
5						
6						
7						
	<b>LONGER TERM ITEMS</b>					
8						
9						
10						
11						
12						

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Active Items

Completed Items

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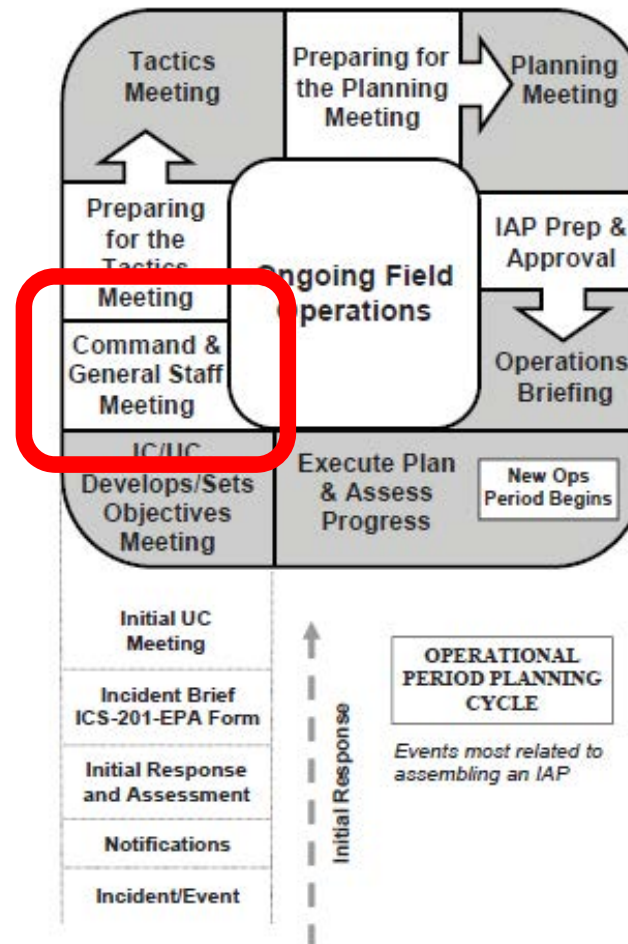
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JANUARY 2016

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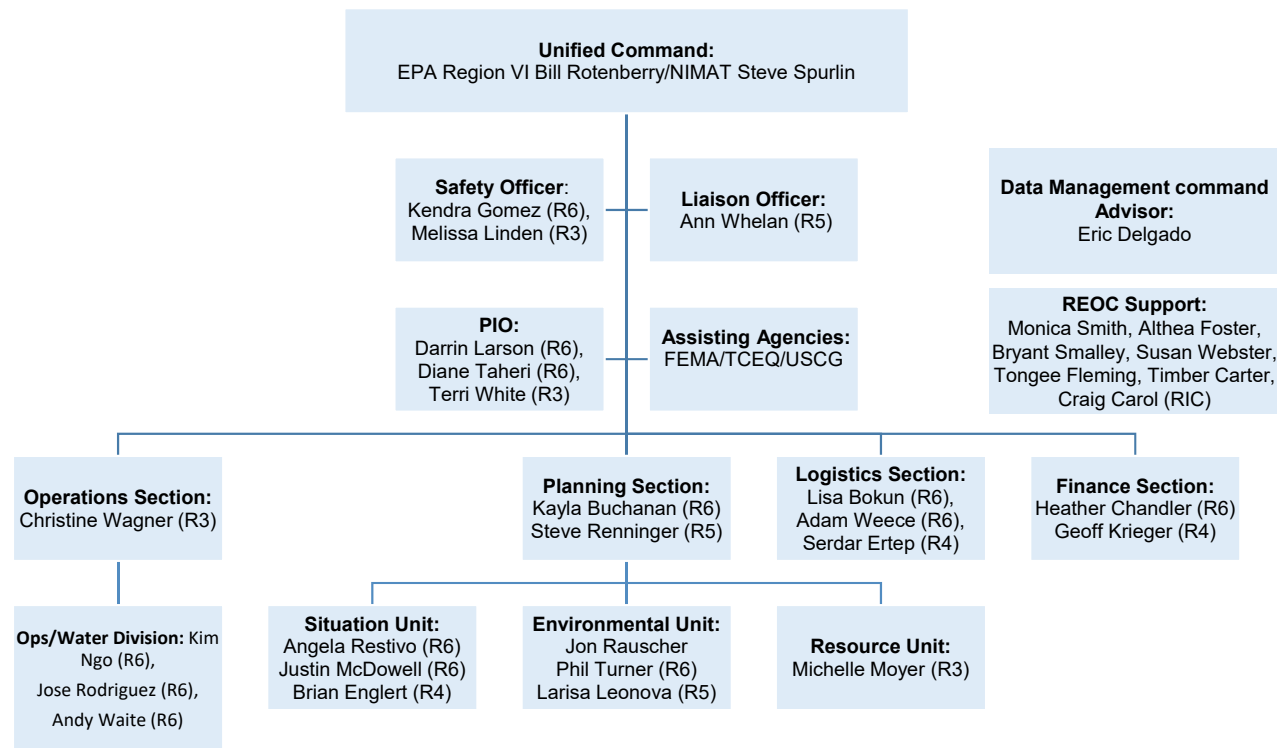


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# Command & General Staff Meeting Agenda

## R6 Hurricane Harvey IMT, August 31<sup>st</sup>





## Command & General Staff Meeting Agenda R6 Hurricane Harvey IMT, August 31<sup>st</sup>

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Beaumont/Port Arthur- weather

RIVER NAME HERE— Flood Stage =

## Command & General Staff Meeting Agenda R6 Hurricane Harvey IMT, August 31<sup>st</sup>

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# Command & General Staff Meeting Agenda

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| • Next Command and General Staff September 1 <sup>st</sup> 0900 |           |

## Command & General Staff Meeting Agenda

### R6 Hurricane Harvey IMT, August 31<sup>st</sup>

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## ERBs Action Items List

Topic	Status	Responsible Party	Date Assigned	Date Due	Date Completed
RRT Website/set up RRT Call	Ongoing	LNO	8/29/2017		
Draft messaging for field personnel (UPDATING)	Ongoing	PIO	8/31/2017		
Assist Regional PIO with reviewing plan	Ongoing	PIO	8/29/2017		
Verification of Training prior to fieldwork	Ongoing	SO	8/29/2017		
HASP for Houston / separate HASP forthcoming	Ongoing	SO	8/29/2017		
Safety Briefing for Field Responders (Gen/Specific)	Ongoing	SO	8/29/2017		
Situational awareness of Field Ops	Ongoing	SO-REOC/OPS	8/31/2017		
Develop H&S deployment requirements	Ongoing	SO	8/29/2017		
Drinking Water/Waste Water Field Assessment Support in Houston (Double the Current Op Plan)	May need to contact Region 7 for additional personnel	OPS-Water-REOC	8/29/2017		
Plan for NPL Reconnaissance/Update NPL Status	Ongoing	OPS-John Meyer	8/29/2017		
Review NDOW plans/contact OPS	Ongoing	OPS	8/29/2017		
Review of NRC reports related to HARVEY	Ongoing	OPS	8/30/2017		
Develop 205 Comm Plan	Ongoing	LSC	8/29/2017		
Lodging UPDATE (Corpus/Houston)	Ongoing	LSC	8/31/2017		
Develop Deployment Plan (17 days)	Ongoing	LSC	8/29/2017		
Asset Tracker Personnel	Ongoing	LSC	8/29/2017		
REOC Burn Rate	Ongoing	FSC-REOC	8/29/2017		
Holiday Pay for Deployed RDO/PDO Roster Members (labor Day)	Ongoing	FSC-REOC	8/29/2017		
EPA overall burn rate with EPA costs and contractor costs	Ongoing	FSC-Chandler	8/29/2017		
Identify one card for Logistics lodging	Ongoing	FSC	8/31/2017		
NIMAT Burn Rate	Ongoing	FSC	8/29/2017		
Mission Assignment Summary	Ongoing	FSC	8/29/2017		
EJ Meeting	Ongoing	REOC	8/30/2017		
Logistics Breifing for Pam and Carl		REOC-Monica Smith	8/29/2017		
Response Manager Support in Austin, Houston and Corpus Christi (and Port Arthur?) START	Ongoing	PSC-REOC	8/29/2017		
Response.gov maintenance	Ongoing	PSC/SITLs Buchanan, McDowell, Restivo	8/29/2017		
Update Divisional Cascade List	Ongoing	REOC Manager Monica Smith	8/29/2017		
Documentation	Ongoing	PSC-REOC	8/29/2017		
Update Principals Access List Adding Internal Customers	Ongoing	PSC-Ken Ferguson	8/29/2017		
Facilitate Daily C&G Meetings (0900)	Ongoing	PSC	8/29/2017		

## ERBs Action Items List

[illegible]

ERBs Action Items List

Topic	Status	Responsible Party	Date Assigned	Date Due	Date Completed

**ERBs Action Items List**

Topic	Status	Responsible Party	Date Assigned	Date Due	Date Completed
Access to Doors		Adam Weece			
Drinking Water/Waste Water Phone Bank Support in Austin 10-12 RSC Staff	Kim Ngo/Susan Webster				
MCP to Courpus Christi (Logistics Contact)	Eric Paisley/Derek Ragon				
Provide visibility to David Gray on WEB EOC log	PDO				
IMAT Request Letter	Craig Carroll				
EPA Cost Estimate for Potential FEMA Tasking	Nicolas Brescia and John Martin				
Develop List of Internal Customers for Update Distribution	Matt Loesel/Angela Restivo				
Distribute Management Objectives	Ongoing	IC	8/29/2017		
Distribute NPL Map to John Meyer when Updated		Planning/SITL	8/29/2017		
214 Discussion		SITL	8/29/2017		
Draft 207/Update	Ongoing	SITL	8/29/2017		
Pay Cap for Personnel nearing Limit		FSC-REOC	8/29/2017		
Night Differential incurred?		FSC-Chandler	8/29/2017		
Develop 213 RR log		LSC-REOC	8/29/2017		
Field mob IGCE		LSC-REOC	8/29/2017		
MCP to Houston (Logistics Contact)	LRV to Houston date unknown	LSC-REOC	8/29/2017		
Develop Burn Rate	Ongoing	FSC	8/29/2017		
Distribute account codes/information	Ongoing	FSC	8/29/2017		
Develop talking points for field	Ongoing	PIO	8/29/2017		
HASP for Corpus	Ongoing	SO	8/29/2017		
SEMP Review of HASP	Ongoing	SO	8/29/2017		
Reach out to state LNO	Ongoing	LNO	8/29/2017		
Add air Ops Attachment	Ongoing	SO	8/29/2017		
Establish Daily Cost Tracking Mechanism	Ongoing	OPS/FSC	8/29/2017		
Help with IGCE/SOW	Ongoing	OPS	8/29/2017		
Update on R6 Logistics Contract	Ongoing	FSC	8/29/2017		
Regional Clearance Levels		EU-REOC	8/29/2017		